CB (5.5V) 系列 Series

Introduction

- Ø12.5 Ø11.5 Coin Standard type
- Able to be used at wide temperature from -25℃ to 70℃
- RoHS directive compliant

Applications

- Memory back-up for video and audio equipment, cameras, printers, flash, tuners, TV, rice cookers and remote controls

C-TYPE

V-TYPE

H-TYPE

Specifications

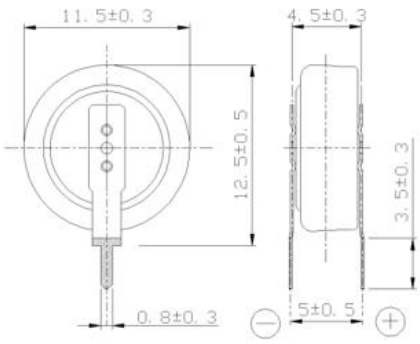
Operating Temperature range	-25℃ to 70℃						
Working Voltage	5.5 V DC						
Nominal capacitance & Resistance	Nominal capacitance (F)	0.022	0.047	0.1	0.22	0.33	0.47
	Nominal resistance (Ω)	75	75	75	75	50	50
Capacitance tolerance	- 20% to + 80%						
Characteristic at high and low temperature	Capacitance change	Within ± 30% of the value at +20℃					
	Internal resistance change	Less than five times of the value at +20℃					
Endurance	Test time	1,000 (hours)					
	Capacitance change	Within ± 30% of the initial measured value					
	Internal resistance change	Less than four times of the initial specified value					
Shelf life	Same as endurance (Test time : 1,000 hours)						

Part number system

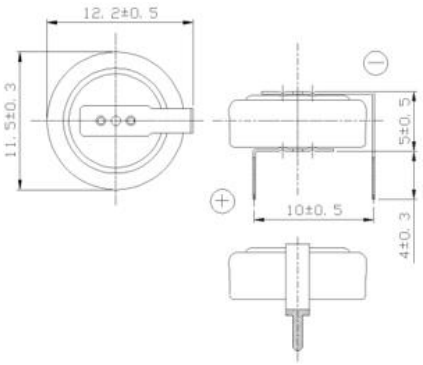
CB	5R5	223	H	F	*
Series code	Rated Voltage	Nominal Capacitance	Terminal Type	Additional Symbol ROHS	

Dimensions in ㎜ (not to scale)

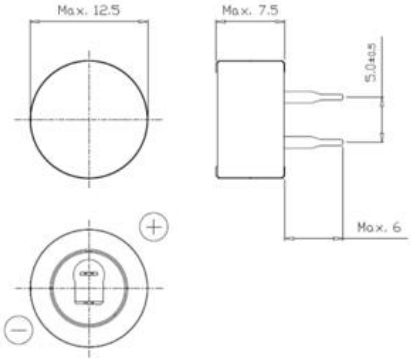
Terminal **V** type



Terminal **H** type



Terminal **C** type



Standard Products

Series	Working Voltage (V DC)	Capacitance (F)	Capacitance tolerance (F)	Temperature range (℃)	Internal resistance (Ω) at 1 kHz	Recommended discharge current (uA)	Part number	Terminal Type	Min. Packaging q'ty (pcs)
CB	5.5	0.022	0.0176 to 0.0396	-25~+70	150 Ω or less	200 uA Or less	CB 5R5 223 ( )	V, H, C	200
CB	5.5	0.047	0.0376 to 0.0846	-25~+70	120 Ω or less	200 uA Or less	CB 5R5 473 ( )	V, H, C	200
CB	5.5	0.1	0.080 to 0.180	-25~+70	75 Ω or less	300 uA Or less	CB 5R5 104 ( )	V, H, C	200
CB	5.5	0.22	0.176 to 0.396	-25~+70	75 Ω or less	300 uA Or less	CB 5R5 224 ( )	V, H, C	200
CB	5.5	0.33	0.264 to 0.594	-25~+70	50 Ω or less	300 uA Or less	CB 5R5 334 ( )	V, H, C	200
CB	5.5	0.47	0.397 to 0.614	-25~+70	50 Ω or less	400 uA Or less	CB 5R5 474 ( )	V, H, C	200

Design,and specifications are each subject to change without notice.Ask factory for the current technical specifications before purchase and / or use.

Should a safety concern arise regarding this product. please be sure to contact us immediately.